

Title (en)  
Breech mechanism for firearm

Title (de)  
Verschluss für eine Schusswaffe

Title (fr)  
Culasse pour arme à feu

Publication  
**EP 0784194 A3 19980520 (DE)**

Application  
**EP 96119075 A 19961128**

Priority  
DE 19600459 A 19960109

Abstract (en)  
[origin: US5722194A] A weapon bolt has a bolt head which accommodates an axially slidable firing pin and which is rotatable and displaceable parallel to the barrel axis. A bolt handle is pivotally supported on an axle carried in a radial orientation by a control sleeve which is slidable in a chamber sleeve. The bolt handle is, in a form-fitting manner, coupled to a disengagement lever supportable on the chamber sleeve and upon its actuation, causes an axial motion of the axle. The control sleeve receives an axially slidable intermediate piece which surrounds the axle and is operatively coupled at its frontal side with the firing pin and at its rearward side with a striker which arms a firing spring. In the armed state of the firing spring the striker may be locked to the chamber sleeve, via a locking arrangement, by an arming member actuated by the disengagement lever. The bolt head carries control pins which project into control cam tracks provided in the control sleeve to cause rotary motions of the bolt head during operation of the bolt handle for locking the bolt head to and releasing it from a locking member in the breech region of the weapon barrel. The control sleeve, the intermediate piece, the striker, the arming member and the locking arrangement are together axially movable by the bolt handle.

IPC 1-7  
**F41A 3/20**

IPC 8 full level  
**F41A 3/20** (2006.01)

CPC (source: EP US)  
**F41A 3/20** (2013.01 - EP US)

Citation (search report)

- [A] DE 295849 C
- [A] US 3653140 A 19720404 - ALDAY JAMES M
- [A] US 2123111 A 19380705 - KING VALENTINE J
- [A] DE 49192 C
- [AD] DE 4305700 C1 19941027 - BLASER HORST JAGDWAFFEN [DE]
- [A] FR 365139 A 19060904 - ANDREW HOWLAND RUSSELL [US]
- [A] WO 9409334 A1 19940428 - DYNAMIT NOBEL AG [DE], et al

Cited by  
DE102018122573B3; EP3376151A1; US10077957B1; DE102016120891A1; EP3623740A1

Designated contracting state (EPC)  
AT BE CH DE ES FI FR LI

DOCDB simple family (publication)  
**US 5722194 A 19980303**; AT E187817 T1 20000115; DE 19600459 A1 19970710; DE 59603920 D1 20000120; EP 0784194 A2 19970716; EP 0784194 A3 19980520; EP 0784194 B1 19991215; ES 2142539 T3 20000416

DOCDB simple family (application)  
**US 78153597 A 19970108**; AT 96119075 T 19961128; DE 19600459 A 19960109; DE 59603920 T 19961128; EP 96119075 A 19961128; ES 96119075 T 19961128